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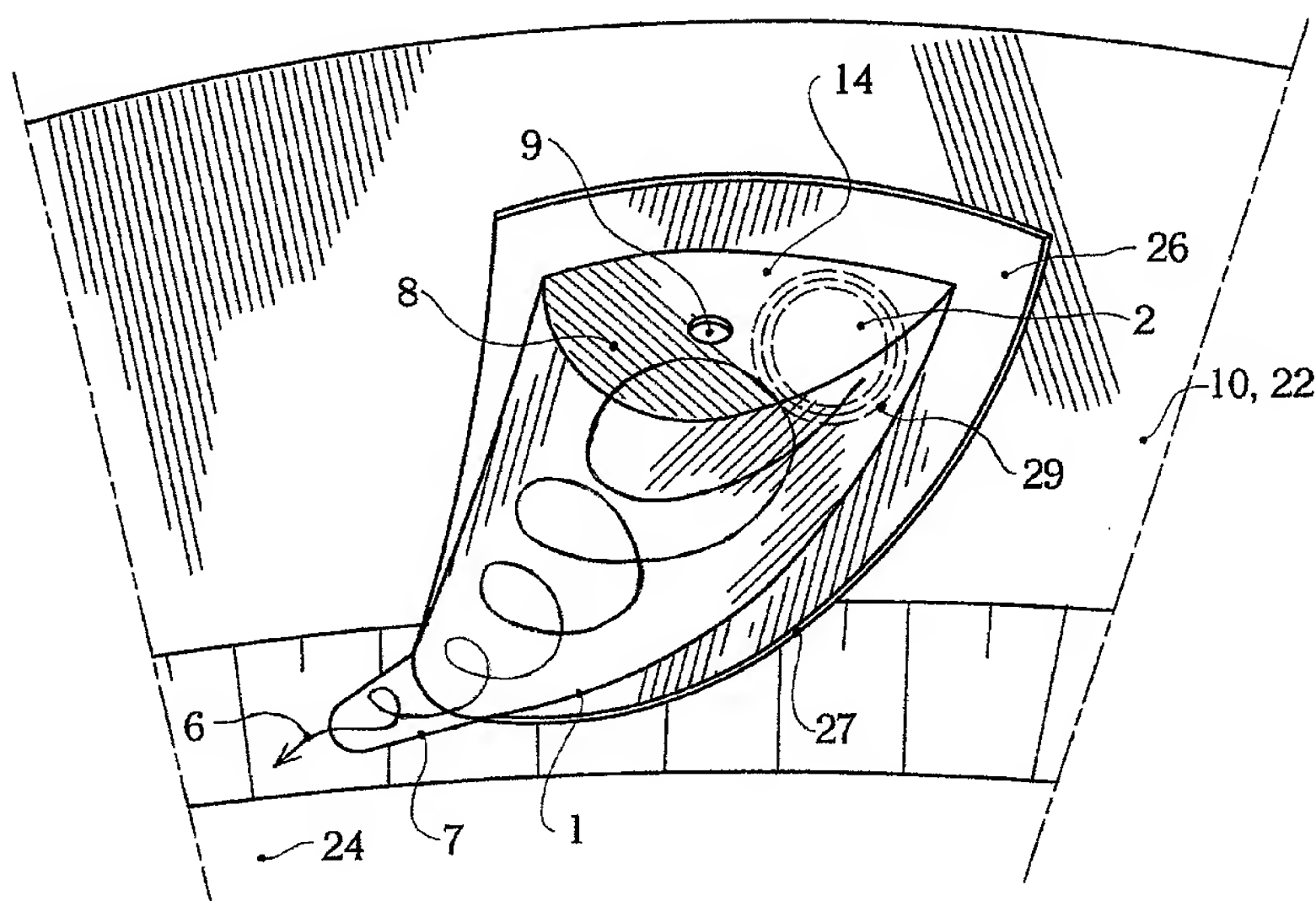
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(54) Title: SWIRL CHAMBER WITH MOVABLE NON-RETURN VALVE AND AIR INJECTOR FOR PREVENTION OF SEDIMENTATION IN STORM WATER AND WASTE WATER DRAINS



(57) Abstract: A device for preventing sedimentation by regulating the flow of waste water through drain draining-wells, with or without a pump, consisting of a swirl chamber (1) with connected outlet pipe (7) and provided with an air injector (3). The swirl chamber (1) which is tapered, generates a vortex flow in which the air added by the air injector (3) gives the sludge particles a certain amount of buoyancy, making it easier for them to accompany the water flow without being precipitated.